

# 2006 Springfield-Greene County Health Department Statistics



<b>AIR QUALITY</b>	Air Monitoring Samples Collected	49,266
	Complaints Investigated	70
	Enforcement Activities	393
	Technical Assistance Activities	262



<b>ANIMAL CONTROL</b>	Animal and Pet Complaints Investigated	14,799
	Animal Bites in Springfield/Greene County	200 / 66
	Citations Issued	791
	Domestic Animals Impounded	4,076
	Wild Animals Collected	487
	Miles Logged	111,900



<b>COMMUNICABLE DISEASES</b>	Client Contacts Made for STD and HIV Diseases	2,722
	HIV/Tuberculosis Skin Tests Performed	1,227 / 293
	Gonorrhea/Chlamydia Tests Performed	1,054 / 982
	Syphilis Screenings Performed	1,036
	Herpes Cultures Collected	65
	Total Diagnostic Tests Performed	5,113
	STD Treatments Administered	554
	HIV/Tuberculosis Clients in Case Management	20 / 115



<b>ENVIRONMENTAL SERVICES</b>	Lodging Facility Inspections/Complaints Investigated	80 / 27
	Childcare Facility Inspections	233
	Public and Semi-Public Pool and Spa Inspections	85
	Trash and Refuse/Sewage Complaints Investigated	8,986 / 104
	Insect and Vector Complaints Investigated	304
	Other Complaints Investigated (weeds, housing etc.)	10,945



<b>EPIDEMIOLGY</b>	Gastrointestinal Illnesses Reported (Campylobacter, Cryptosporidium, Giardia, hepatitis A, Salmonella, E. coli)	114
	Tick and Mosquito-borne Illnesses Reported (Ehrlichia, Lyme-like illness, Malaria, Rocky Mountain Spotted Fever, tularemia, West Nile virus)	41
	Hepatitis B/Hepatitis C Cases Reported	107 / 421
	Influenza Cases Reported	468
	Pertussis (whooping cough)/Varicella (chickenpox)	6 / 15
	Total Reported Communicable Diseases (CD) Cases	2,291
	Total Confirmed CD Cases Investigated	368
	Food Establishment/Temporary Food Inspections	3,204 / 870
	Food Establishment Complaints Investigated	267



<b>FOOD CONTROL</b>	Food Establishment Complaints Investigated	267
	Food Service Inspections with No Critical Violations	396
	Smoke-free Restaurants in Springfield	700
	Dollar Value of Food Products Destroyed	95,742
	Food Safety School Classes Offered/Participants	25 / 445

<b>LABORATORY (Environmental and Medical)</b>	Public Water Supply Tests	16,735
	Private Water Supply Tests in Greene County	1,944
	Private Water Supply Tests in Other Counties	1,138
	Swimming Pool Water Tests/Public Stream Tests	45 / 112
	Grade A Raw Milk Tests	11,119
	Pasteurized Milk Tests	3,304
	Milk Stabilizer/Rinse Container Tests	433 / 864
	Blood Lead Level Tests	4,719
	Blood Chem-14 Tests/RPR (Syphilis) Tests	236 / 1,251
	Gram Stain/Wet Mount Tests	568 / 428
	Chlamydia and Neisseria gonorrhoeae Tests	1,970
	Rapid HIV Tests	244

<b>IMMUNIZATIONS</b>	Total Vaccination Administered	20,823
	Total Clients Vaccinated	13,909
	Children Under 18 Vaccinated	6,343
	Influenza Vaccine to Children/Childcare Providers	959 / 792
	Influenza and Pneumococcal Vaccine to Adults	3,239
	Travel Vaccinations	1,130
	Hepatitis A and B Vaccinations (business contracts)	1,025

<b>PUBLIC HEALTH NURSING</b>	Health Classes Offered/Participants	191 / 2,565
	Home Visits for Women/Children and Adolescents	165 / 120
	Elevated Blood Lead Level Case Management for Children/Families	154 / 84
	Pregnancy Tests	467
	Child Death Reviews (Child Fatality Review Team)	17
	Student Nurse Mentoring Opportunities Provided	11
	Healthy Beginnings Clients/Consultations	18 / 76
	Building Block Clients/Completed Visits	61 / 1,402
	Childcare Facility Health and Safety Consultations	86
	Childcare Provider Health Conference Partners	12
	Attendees	147
	Variety of Screening Offered	11

<b>WIC (Women, Infants and Children)</b>	Women Enrolled	20,234
	Infants Enrolled	20,058
	Children Enrolled	30,693
	Average Monthly Caseload	5,915
	Average Monthly New Clients/Recertified Clients	460 / 650
	Education Classes Offered Monthly	78
	Checks Issued	212,955
	Total Dollar Value of Checks Issued	2,259,453

For more report information, please visit our website at <http://health.springfieldmogov.org>



# Environmental and Community Health Indicators

CATEGORY	INDICATOR	2006	2005	2004	2003	2002
WATER QUALITY	Private Well Testing (% testing safe)	64.2	62.8	60.6	58.0	56.0
	E. coli Testing in Streams and Rivers (% testing safe)	63	68	N/A	23	63
AIR QUALITY	Carbon Monoxide (ppm) EPA Standard					
	1-Hr Standard	35	4	4	4	5
	8-Hr Standard	9	2.1	2.8	2.4	3.3
	Nitrogen Dioxide (ppm) Annual Standard	0.053	0.010	0.012	0.012	0.011
	PM <sub>10</sub> (ug/m <sup>3</sup> )					
	24-Hr Standard	150	35	44	30	39
	Annual Standard	50	17	18	17	18
	PM <sub>2.5</sub> (ug/m <sup>3</sup> )					
	24-Hr Standard	65	27	29	28	28
	Annual Standard	15	11.5	11.9	11.8	12.2
	Sulfur Dioxide (ppm)					
	24-Hr Standard	0.14	0.032	0.029	0.027	0.028
	Annual Standard	0.03	0.003	0.003	0.003	0.004
	Ozone (ppm)					
	8-Hr Standard	0.08	0.071	0.071	0.070	0.073
COMMUNITY HEALTH	Giardia Cases	22	18	22	23	16
	Elevated Blood Lead (% total tested <6 years old)	1	1	1	2	3
	Food Service Inspections (% citing no critical violations)	47	43	45	55	66
	Number of Restaurants with a Smoking Exemption	91	88	91	81	N/A
	Animal Bite Rate (per 100,000 population)	98.5	91.9	96.4	102.2	132.0
MATERNAL HEALTH (percent of total live births)	Low Birth Weight	6.9	7.2	7.4	7.7	6.7
	First Trimester Prenatal Care	89.2	87.4	89.3	89.5	88.9
	Births to Mothers Under Age 18	3.3	3.5	3.6	3.1	4.4
	Mothers as Medicaid Participants	52.3	52.7	52.8	50.5	49.6
	Mothers Smoking During Pregnancy	19.4	19.2	20.4	21.0	19.2
CHILDREN'S HEALTH AND WELLNESS	Infant Deaths (per 1,000 live births)	9.1	4.4	8.3	7.1	7.5
	Child Abuse and Neglect (rate per 1,000 children)	7.9	8.5	10.1	10.9	11.4
	Child Fatalities (birth through age 17)	39	26	56	58	53
	Immunization Rate (% children, public clinics)	N/A	83.5	88.6	87.2	92.2
	Women, Infants and Children Clinic (avg. monthly client visits)	5,915	5,864	5,666	5,519	5,475
COMMUNICABLE DISEASE (incidence per 100,000 population)	Gonorrhea	104.0	86.7	128.5	113.0	96.6
	Tuberculosis Disease	2.4	2.8	3.2	3.7	2.9
	HIV	7.7	5.6	2.5	3.3	11.5
DEATHS (crude rate per 100,000 population)	Cardiovascular Disease	321.1	325.8	354.9	354.4	350.1
	Lung Cancer	71.0	68.6	65.7	65.9	61.2
	Breast Cancer	18.8	13.2	13.3	19.5	16.0
	Motor Vehicle Crashes	17.3	18.7	14.1	20.3	16.8
	Suicide	14.9	12.0	16.1	13.4	14.0

## SPRINGFIELD-GREENE COUNTY HEALTH DEPARTMENT Annual Report 2006

### DIRECTORY

General Information	864-1658
Administration	864-1655
Air Quality	864-1662
Animal Control	864-1126
Community Nursing	864-1686
County Regulations	864-1689
Daycare Inspection	864-1409
Environmental	864-1664
Epidemiology	864-1085
Food Inspections	864-1424
Health Education	864-1685
HIV Case Mgmt.	827-6052
HIV/STD Clinic	864-1684
Immunizations	874-1220
Laboratory	864-1670
Lead Inspections	864-1409
Milk Regulations	864-1659
Planning	864-1623
Public Information	874-1205
Smoking Ordinance	864-1623
Tuberculosis	864-1697
Vital Records	864-1411
Volunteer Services	874-1297
WIC-Immunizations	864-1306
WIC-Nutrition	864-1079



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227 E. Chestnut Expressway  
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### A MESSAGE FROM THE DIRECTOR, KEVIN GIPSON

The Springfield-Greene County Health Department is proud to present the 2006 Annual Report Summary. This summary combines the health indicators, which have been previously provided in the annual Community and Environmental Report Cards, with profiles of health department programs which have the highest citizen recognition.

These profiled programs include:

- Air Quality
- Animal Control
- Communicable Diseases
- Environmental Services
- Epidemiology
- Food Control
- Laboratory Services
- Immunizations
- Public Health Nursing
- Women, Infants and Children Clinic (WIC)

Department programs not profiled include the Planning Division which has continued to assist our community's effort to "Plan, Prepare and Protect" in many areas including bioterrorism, pandemic and business continuity.

The Health Education section and the Public Information Officer have diligently provided citizen education in many forms such as personal presentations, brochures and media messages.

Numerous staff members serve on community coalitions that share a common goal with Public Health. However, much of the Public Health work is accomplished without fanfare but is important to our community. Vital Records is a good example. In 2006, this section issued 22,267 birth certificates and 3,356 death certificates. Both of these certified documents are necessary for many legal transactions.

The responsibilities entrusted to the staff of the Springfield-Greene County Health Department are many and we know we make a difference every day. We must never become complacent as new challenges in protecting the health and safety of the community arise every day. Perhaps the only thing that will remain constant is our commitment to fulfilling our mission of "Helping people live longer, healthier, happier lives."

### QUICK FACTS

In 2006, the Springfield-Greene County Health Department had 92 full-time, regular employees located in six Springfield facilities. Emergency response capacity is provided 24/7/365. The employee average age is 46 with over 1,004 years of combined service. Public Health services are available to an estimated 164,923 citizens of Springfield and an additional 113,862 residents of Greene County who are spread over 432,000 acres.